

# **EXHIBIT A**

From:

03/25/2018 05:43

#609 P.002/011

ALLEN R. MOCK, M.D.  
Chief Medical Examiner

MATT SZEDO  
Chief Administrator

PIOTR KUBIYCEK, M.D.  
First Deputy Chief Medical Examiner

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Deputy Chief Medical Examiner

RICHARD D. MORRIS, M.D.  
Deputy Chief Medical Examiner

DONALD V. POZHAR, M.D.  
Deputy Chief Medical Examiner

C. METIN SAVASHAN, M.D.  
Deputy Chief Medical Examiner

TONYA H. MITCHELL, PhD.  
Chief Toxicologist

**FORENSIC PATHOLOGISTS:**

JONATHAN L. ARDEN, M.D.  
ANN L. BUCHOLTZ, M.D.  
PAUL F. MELLEN, M.D.  
CAROLYN REVERCOMB, M.D.  
ELIZABETH A. ROUSE, M.D.  
JAMES H. SMITH, M.D., J.D.  
THOMAS W. YOUNG, M.D.

FAHAD BAFAGH, M.D.  
Forensic Neuropathologist

JOHN M. CARSON, D.D.S., DABFDE  
Chief Dental Examiner



BILL J. CROUCH  
Cabinet Secretary

ATNE ARDAD, MD, MPH  
Commissioner & State  
Health Officer

**STATE OF WEST VIRGINIA  
DEPARTMENT OF HEALTH AND HUMAN RESOURCES  
BUREAU FOR PUBLIC HEALTH  
OFFICE OF THE CHIEF MEDICAL EXAMINER  
619 Virginia Street West  
Charleston, WV 25302  
Phone: (304) 558-6920  
FAX: (304) 558-7886**

**REPORT OF DEATH INVESTIGATION  
AND POST-MORTEM EXAMINATION FINDINGS**

**CASE NO. WV-2022-6566**

**SHREWSBURY, Alvis**

Date of Birth: [REDACTED] Age: 45 Years

Date of Death: September 17, 2022  
Pronouncement: September 17, 2022 @ 0207  
Body Received at OCME: September 17 @ 1450  
Date of Examination: September 19, 2022  
Examination Commenced: 1100

**Autopsy Performed at:**

Office of the Chief Medical Examiner  
619 Virginia Street, W.  
Charleston, WV 25302

**Autopsy Ordered by:**

Chief Medical Examiner, State of West Virginia (Limited)

**Autopsy Performed by:**

Paul F. Mellen MD  
Forensic Pathologist

**County Medical Examiner:**

Jeffrey Corder, Co. M.E., Raleigh County

**Investigating Agency:**

West Virginia State Police-Beckley/Trooper Jones  
West Virginia Department of Corrections

**FIU Investigator:**

Lisa Cook, OCME Investigator

**Appended:**

**Toxicology Report**

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**SHREWSBURY, Alvis**  
**WV 2022-6566**

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**AUTOPSY EXAMINATION**

**EXTERNAL EXAMINATION**

**Method of Identification:**

Visual

Body bag Lock Tab #3140021 (verified intact and confirmed to be tab #3140021 on OCME1 report)

**Clothing and personal effects:**

Hospital gown

White undershorts

Orange Department of Correction pants

White socks, 1 pair

Condition of Clothing: Pants and underwear are soaked with blood and black melena

**General Appearance:** Adult white man, appears stated age, medium-heavy build

Height/weight: 6' 0"/ 214 lb. BMI= 29.0, overweight

Hair: Brown. Beard and mustache stubble present

Face: Normally formed

Eyes: Brown irides, no petechia

Oral Cavity: Edentulous

Neck: Unremarkable

Torso: Unremarkable

Breasts: Unremarkable

Posterior torso: Unremarkable

External Genitalia: Unremarkable

Extremities: Normally formed

Skin: Unremarkable

**Postmortem changes:**

General condition: Good

Rigor: Strong in jaw/arms/legs

Livor: Purple-red, posterior, fixed

Body temperature: Cold/refrigerated

Other decomposition changes: None

**Marks and Scars:**

None seen

**Tattoos:**

Multiple tattoos present including:

Right upper arm, left upper arm, left forearm, right upper back, left upper back

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**Evidence of Injury:**

Head & Neck:

Healing older appearing purple-red raccoon ecchymosis left orbit

No fractures palpable

Torso:

None

Extremities:

None

**Evidence of Immediate Medical Therapy/Medical Devices:**

Oral bite block

Oral endotracheal tube

Defibrillator pad x 2, torso

EKG pad x 2, torso

Blood pressure cuff left arm

Pulse oximeter monitor, index finger left hand

Intraosseous infusion needle left lower leg

Intravenous catheter left ankle

Intravenous catheter right ankle

Rectal probe

**Internal Examination: (Limited to Torso)**

Body Cavities: Unremarkable

Organ situs: Normal positions

Anterior abdominal wall fat thickness= 1"

**Organ weights: (grams):**

Heart- 500

**ORGAN SYSTEMS:**

**Cardiovascular:**

Heart: Large

Shape: Triangular

Coronary arteries:

Origin: Normal

Distribution: Normal

Lesions:

Left Main Coronary: No stenosis

Left anterior descending artery: No stenosis

Circumflex artery: No stenosis

Right Coronary: Large caliber vessel, no stenosis

Myocardium: Red-brown, left ventricular hypertrophy



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**SHREWSBURY, Alvis**  
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Wall thickness (cm):

LV= 1.4

RV= 0.2

Valves and chambers: Unremarkable

Great vessels: Unremarkable

Note: The cardiac findings could represent hypertension and/or cardiomyopathy

**Respiratory:**

Upper airway: Unremarkable

Lungs: Pink/gray

Pleura: Smooth

Sections: Unremarkable, limited sections

**Gastrointestinal:**

Esophagus: Unremarkable

Stomach: Hemorrhagic mucosa

Gastric contents: Blood and black digested blood

Large intestine: Content melenic

Small intestine: Content melenic

**Hepatobiliary:**

Liver: Red-brown, unremarkable

Ducts: Unremarkable

**Genitourinary:**

Kidneys: Smooth cortex, pale

**Hematopoietic:**

Spleen: Unremarkable

**ADDITIONAL STUDIES:**

Documents reviewed:

County Medical Examiner report

Forensic Investigation Unit report

Medical Records- (Limited)

RX Records (WV Board of Pharmacy)- No RX on file

Police Investigation

Photography: Total body photos

Body liquids and tissue samples retained for toxicology testing

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**SHREWSBURY, Alvis**  
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**Toxicology:** Harvested and sent to Toxicology lab:

Vitreous fluid

Blood (subclavian)

Liver

Trace evidence:

Hair samples

Fingernail clippings

Additional ID Procedures (archived):

DNA blood card

Fingerprints R1

**Tissue for Microscopic exam:** Sections of organs fixed in formalin and archived for micro exam

**Microscopic Exam:**

- A. Myocardium left ventricle - Unremarkable  
Myocardium septum - Unremarkable  
Myocardium right ventricle - Unremarkable
- B. Lung x 2 - Distended alveoli, bleb formation  
Bronchiole- Unremarkable
- C. Liver: Unremarkable

Kidney: Mild chronic inflammation

Glomeruli: Unremarkable

Tubules: Unremarkable

Vessels: Unremarkable

Note- Sections limited by autolysis

Disposition of organs: Returned to body

**PATHOLOGIC DIAGNOSIS:**

**I. NATURAL DISEASE:**

Cardiomegaly

Acute and chronic upper gastrointestinal hemorrhage

**II. INJURIES:**

Old minor facial contusion

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**SHREWSBURY, Alvis**  
**WV 2022-6566**

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**III. TOXICOLOGY SUMMARY:**

Blood Alcohol: Negative

Blood Drugs: Negative

**IV. Investigative summary/Medical records review:**

Circumstances of death:

45-year-old collapsed in jail with rectal bleeding, and could not be resuscitated

He was in jail for driving under the influence

Scene Investigation:

No sign of violence. No drugs or alcohol found in cell

Additional history:

Prior fall from bunk bed

Medical History:

Unknown

Medications:

Unknown

**Opinion:**

It is my opinion that Mr. Alvis Shrewsbury, a 45-year-old white man, died as a result of acute and chronic upper gastrointestinal bleeding. Contributory factors: Cardiomegaly.

**MANNER OF DEATH:** The circumstances surrounding the death, as determined by the death investigation and post mortem examination, indicate the manner of death is best certified as Natural.

*Paul F Mellen* 27 Oct 2022

Paul F Mellen, MD, DMJ, FCAP, FRCPI  
Anatomic, Clinical & Forensic Pathology

Date:

From:

03/26/2018 05:46

#609 P.008/011



STATE OF WEST VIRGINIA  
OFFICE OF THE CHIEF MEDICAL EXAMINER  
**TOXICOLOGY REPORT**

<b>Name of Deceased:</b>	Shrewsbury, Alvis	<b>Date of Request:</b>	9-19-22
<b>Case Number:</b>	22-6566	<b>Date Issued:</b>	10-27-22
<b>Pathologist:</b>	Dr. Mellen		
<b>Samples Received:</b>	Subclavian Blood, Liver, Vitreous	<b>Date Received:</b>	9-19-22
	Hospital Serum		9-22-22

**Results**

**Sample type: Vitreous Fluid**

<u>Analyte:</u>	<u>Result:</u>	<u>Analysis By:</u>	<u>Type of Analysis:</u>	<u>Cutoff:</u>
Glucose	8 mg/dL	Chemistry Analyzer	Electrolytes and Glucose Panel	4 mg/dL
Urea Nitrogen	19.6 mg/dL	Chemistry Analyzer	Electrolytes and Glucose Panel	3 mg/dL
Sodium	140 mmol/L	Chemistry Analyzer	Electrolytes and Glucose Panel	100 mmol/L
Potassium	14.8 mmol/L	Chemistry Analyzer	Electrolytes and Glucose Panel	0.3 mmol/L
Chloride	124 mmol/L	Chemistry Analyzer	Electrolytes and Glucose Panel	40 mmol/L
Creatinine	Incalculable	Chemistry Analyzer	Electrolytes and Glucose Panel	0.2 mg/dL

See attached for additional analysis performed by NMS Labs, 200 Welsh Road, Horsham, PA 19044, 1-866-522-2216.



From:

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**NMS Labs****CONFIDENTIAL**

200 Walsh Road, Horsham, PA 19044-2208

Phone: (215) 657-4900 Fax: (215) 657-2972

e-mail: nms@nmslabs.com

Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

**Toxicology Report**

Report Issued 10/17/2022 07:05

To: 10152  
 WV Office of the Chief Medical Examiner  
 618 Virginia Street W.

Charleston, WV 25302

Patient Name SHREWSBURY, ALVIS  
 Patient ID 22-6566  
 Chain NMSCP207084  
 DOB [REDACTED]  
 Sex Male  
 Workorder 22349044

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**Positive Findings:**

None Detected

See Detailed Findings section for additional information

**Testing Requested:**

Test	Test Name
0170FL	Alcohol Panel, Fluid
2481FL	Ketone Panel, Fluid
8054B	Postmortem, Expanded with NPS, Blood (Forensic)

**Specimens Received:**

ID	Tube/Container	Volume/ Mass	Collection Date/Time	Matrix Source	Labeled As
001	Clear Cap Plastic Tube	8 mL	09/19/2022	Subclavian Blood	22-6566
002	Blue Cap Plastic Tube	1 mL	09/19/2022	Vitreous Fluid	22-6566

All sample volumes/weights are approximations.

Specimens received on 09/22/2022.

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Workorder 22349044  
 Chain NMSCP207084  
 Patient ID 22-8566

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**Detailed Findings:**

Examination of the specimen(s) submitted did not reveal any positive findings of toxicological significance by procedures outlined in the accompanying Analysis Summary.

**Sample Comments:**

001 Autopsy ID: 22-8566  
 001 County: Raleigh  
 001 Physician/Pathologist Name: Dr. Mellen

Chain of custody documentation has been maintained for the analyses performed by NMS Labs.

Unless alternate arrangements are made by you, the remainder of the submitted specimens will be discarded six (6) weeks from the date of this report; and generated data will be discarded five (5) years from the date the analyses were performed.

Workorder 22349044 was electronically signed on 10/16/2022 20:25 by:

*Donna M. Papsun*

Donna M. Papsun, M.S., D-ABFT-FT  
 Forensic Toxicologist

**Analysis Summary and Reporting Limits:**

All of the following tests were performed for this case. For each test, the compounds listed were included in the scope. The Reporting Limit listed for each compound represents the lowest concentration of the compound that will be reported as being positive. If the compound is listed as None Detected, it is not present above the Reporting Limit. Please refer to the Positive Findings section of the report for those compounds that were identified as being present.

**Test 0170FL - Alcohol Panel, Fluid - Vitreous Fluid**

-Analysis by Headspace Gas Chromatography (GC) for:

Analyte	Rpt. Limit	Analyte	Rpt. Limit
Acetone	5.0 mg/dL	Isopropanol	5.0 mg/dL
Ethanol	10 mg/dL	Methanol	10 mg/dL

**Test 2481FL - Ketone Panel, Fluid - Vitreous Fluid**

-Analysis by Headspace Gas Chromatography (GC) for:

Analyte	Rpt. Limit	Analyte	Rpt. Limit
Acetone	20 mg/dL	Methyl Isobutyl Ketone	2.0 mcg/mL
Cyclohexanone	1.0 mcg/mL	Methyl n-Butyl Ketone	2.0 mcg/mL
Methyl Ethyl Ketone	2.0 mcg/mL		

**Test 62198B - Cannabinoids Confirmation, Blood - Subclavian Blood**

-Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS) for:

Analyte	Rpt. Limit	Analyte	Rpt. Limit
11-Hydroxy Delta-9 THC	1.0 ng/mL	Delta-9 THC	0.50 ng/mL
Delta-9 Carboxy THC	5.0 ng/mL		

**Test 8054B - Postmortem, Expanded with NPS, Blood (Forensic) - Subclavian Blood**

NMS v.24.0

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Workorder 22349044  
 Chain NMSCP207094  
 Patient ID 22-8566

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**Analysis Summary and Reporting Limits:**

-Analysis by Enzyme-Linked Immunosorbent Assay (ELISA) for:

Analyte	Ref. Limit	Analyte	Ref. Limit
Barbiturates	0.040 mcg/mL	Gabapentin	5.0 mcg/mL
Cannabinoids	10 ng/mL	Salicylates	120 mcg/mL

-Analysis by Headspace Gas Chromatography (GC) for:

Analyte	Ref. Limit	Analyte	Ref. Limit
Acetone	5.0 mg/dL	Isopropanol	5.0 mg/dL
Ethanol	10 mg/dL	Methanol	10 mg/dL

-Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS) for:

Analyte	Ref. Limit	Analyte	Ref. Limit
4-fluoro-BINACA 3,3-dimethylbutanoic acid	5.0 ng/mL	ADMB-CHMINACA	0.10 ng/mL
4-fluoro-MDMB-BINACA	0.10 ng/mL	ADMB-FUBINACA	1.0 ng/mL
5-fluoro-MDMB-PICA / 5-fluoro-EMB-PICA	0.10 ng/mL	APP-BINACA	0.10 ng/mL
5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA	0.20 ng/mL	FUBINACA 3,3-dimethylbutanoic acid	5.0 ng/mL
5-fluoro-PICA 3,3-dimethylbutanoic acid	5.0 ng/mL	FUBINACA 3-methylbutanoic acid	5.0 ng/mL
5-fluoro-PINACA 3,3-dimethylbutanoic acid	5.0 ng/mL	MDMB-4en-PINACA	0.10 ng/mL
5-fluoro-PINACA 3-methylbutanoic acid	5.0 ng/mL	MMB-FUBINACA	0.10 ng/mL

-Analysis by High Performance Liquid Chromatography/Time of Flight-Mass Spectrometry (LC/TOF-MS) for: The following is a general list of analyte classes included in this screen. The detection of any specific analyte is concentration-dependent. Note, not all known analytes in each specified analyte class are included. Some specific analytes outside of these classes are also included. For a detailed list of all analytes and reporting limits, please contact NMS Labs. Amphetamines, Anticonvulsants, Antidepressants, Antihistamines, Antipsychotics, Benzodiazepines, CNS Stimulants, Cocaine and Metabolites, Hallucinogens, Hypnotics, Muscle Relaxants, Non-Steroidal Anti-Inflammatory Agents, Opiates and Opioids.